

WHAT IS CLAIMED IS:

1. A switched outlet module which controls power to one or more electrically powered devices which are connected to the module and which are under the control of a wall switch comprising:

outlet jacks wherein at least one outlet jack is a switched outlet jack and at least one outlet jack is an unswitched outlet jack;

connectors coupled to the switched outlet jack for connecting remote controlled devices that control devices coupled to the switched outlet jack;

control circuitry coupled to the switching device to monitor and limit a current through the switched outlet jack, to monitor and limit a current through the switching device, and to interpret signals from remote controlled devices coupled to the connectors;

contacts coupled to the control circuitry to couple the module to a switched electrical receptacle; and

a switching device coupled to the outlet jacks to control which receptacle of the switched electrical receptacle is a switched outlet receptacle.

2. A switched outlet module in accordance with Claim 1 wherein the contacts are two pairs of male blades for coupling the module to a switched duplex electrical receptacle.

3. A switched outlet module in accordance with Claim 1 wherein the switching device is a 3-pole, double throw switch.

4. A switched outlet module in accordance with Claim 1 wherein the control circuitry comprises:

a processor;

a power supply coupled to the processor to power the processor;

resistive elements coupled to the switching device to provide a reliable signal from the switched outlet to the processor;

voltage divider circuit coupled to the connectors and the processor for limiting a voltage signal from the connectors; and

current limiting circuit coupled to the switching device to limit a current through the switching device.

5. A switched outlet module in accordance with Claim 4 wherein the control circuitry further comprises a second switching device coupled to the switched outlet to switch power to the switched outlet.

6. A switched outlet module in accordance with Claim 4 wherein the control circuitry further comprises a resistive element coupled to an input pin of the processor for allowing the processor to detect AC zero-voltage crossing.

7. A switched outlet module which controls power to one or more electrically powered devices which are connected to the module and which are under the control of a wall switch comprising:

outlet jacks wherein at least one outlet jack is a switched outlet jack and at least one outlet jack is an unswitched outlet jack;

connectors coupled to the switched outlet jack for connecting remote controlled devices that control devices coupled to the switched outlet jack;

control circuitry coupled to the switching device to monitor and limit a current through the switched outlet jack, to monitor and limit a current through the switching device, and to interpret signals from remote controlled devices coupled to the connectors wherein the control circuitry comprises:

a processor;

a power supply coupled to the processor to power the processor;

resistive elements coupled to the switching device to provide a reliable signal from the switched outlet to the processor;

voltage divider circuit coupled to the connectors and the processor for limiting a voltage signal from the connectors; and

current limiting circuit coupled to the switching device to limit a current through the switching device;

contacts coupled to the control circuitry to couple the module to a switched electrical receptacle wherein the contacts are two pairs of male blades for coupling the module to a switched duplex electrical receptacle; and

a switching device coupled to the outlet jacks to control which receptacle of the switched electrical receptacle is the switched outlet receptacle.

8. A switched outlet module in accordance with Claim 7 wherein the switching device is a 3-pole, double throw switch.

9. A switched outlet module in accordance with Claim 7 wherein the control circuitry further comprises a second switching device coupled to the switched outlet to switch power to the switched outlet.

10. A switched outlet module in accordance with Claim 7 wherein the control circuitry further comprises a resistive element coupled an input pin of the processor for allowing the processor to detect AC zero-voltage crossing.

11. A switched outlet module which controls power to one or more electrically powered devices which are connected to the module and which are under the control of a wall switch comprising:

outlet jacks wherein at least one outlet jack is a switched outlet jack and at least one outlet jack is an unswitched outlet jack;

means coupled to the switched outlet jack for connecting remote controlled devices that control devices coupled to the switched outlet jack;

control circuitry coupled to the switching device to monitor and limit a current through the switched outlet jack, to monitor and limit a current through the switching device, and to interpret signals from remote controlled devices coupled to the connectors;

contacts coupled to the control circuitry to couple the module to a switched electrical receptacle; and

means coupled to the outlet jacks for controlling which receptacle of the switched electrical receptacle is the switched outlet receptacle.

12. A switched outlet module in accordance with Claim 11 wherein the contacts are two pairs of male blades for coupling the module to a switched duplex electrical receptacle.

13. A switched outlet module in accordance with Claim 11 wherein the switching device is a 3-pole, double throw switch.

14. A switched outlet module in accordance with Claim 11 wherein the control circuitry comprises:

a processor;

a power supply coupled to the processor to power the processor;

resistive elements coupled to the switching device to provide a reliable signal from the switched outlet to the processor;

voltage divider circuit coupled to the connectors and the processor for limiting a voltage signal from the connectors;

current limiting circuit coupled to the switching device to limit a current through the switching device;

a second switching device coupled to the switched outlet to switch power to the switched outlet; and

a resistive element coupled an input pin of the processor for allowing the processor to detect AC zero-voltage crossing.